Manitoba

Annual Report 1991 - 92

Environment

April 1, 1991 — March 31, 1992

Includes 10% post-consumer waste

PLEASE NOTE: This Annual Report is available in French upon request. Please contact:

Resource Centre
Manitoba Environment
Building 2, 139 Tuxedo Avenue
Winnipeg, Manitoba
R3N 0H6
Telephone 945-7125

Minister of Environment

Room 235
Legislative Building
Winnipeg, Manitoba, CANADA
R3C 0V8

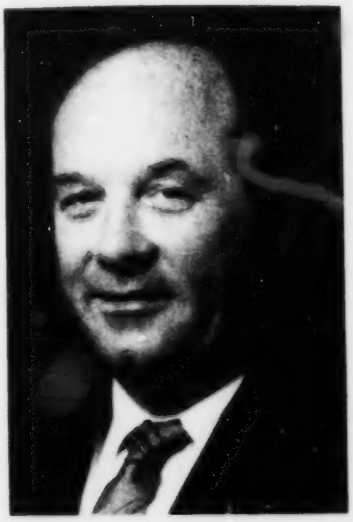
The Honourable George Johnson
Lieutenant-Governor of Manitoba
Room 235 Legislative Building
Winnipeg, Manitoba
R3C 0V8

May It Please Your Honour:

I have the privilege of presenting for the information of Your Honour the Annual Report of Manitoba Environment for the fiscal year ending March 31, 1992.

Respectfully submitted,

J. Glen Cummings
Minister



Manitoba

Deputy Minister of Environment

The Honourable J. Glen Cummings
Minister of Environment
344 Legislative Building
Winnipeg, Manitoba
R3C 0V8

Dear Mr. Minister:

I submit for your approval the 1991/92 Annual Report of Manitoba Environment.

During the year the Department continued to fulfill its objective of ensuring a high level of environmental quality is achieved and maintained for present and future generations of Manitobans.

During the fiscal year, the Department made substantial progress in developing a comprehensive strategic plan. I am also pleased to report that progress continues to be made in implementing various waste reduction and prevention initiatives, in preparing the second Manitoba State of the Environment report, and that regional service delivery is now well established in the five (5) regional offices.

Specific details respecting the overall accomplishments of the Department during 1991/92 are provided in this Report.

The dedication and commitment of all staff of the Department, as well as the cooperation of federal, local and other provincial governments, are acknowledged.

Respectfully submitted,

Norman Brandson
Deputy Minister

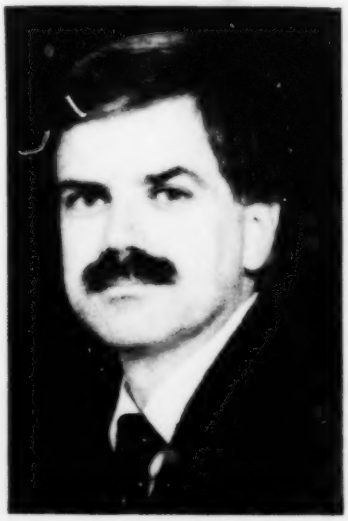
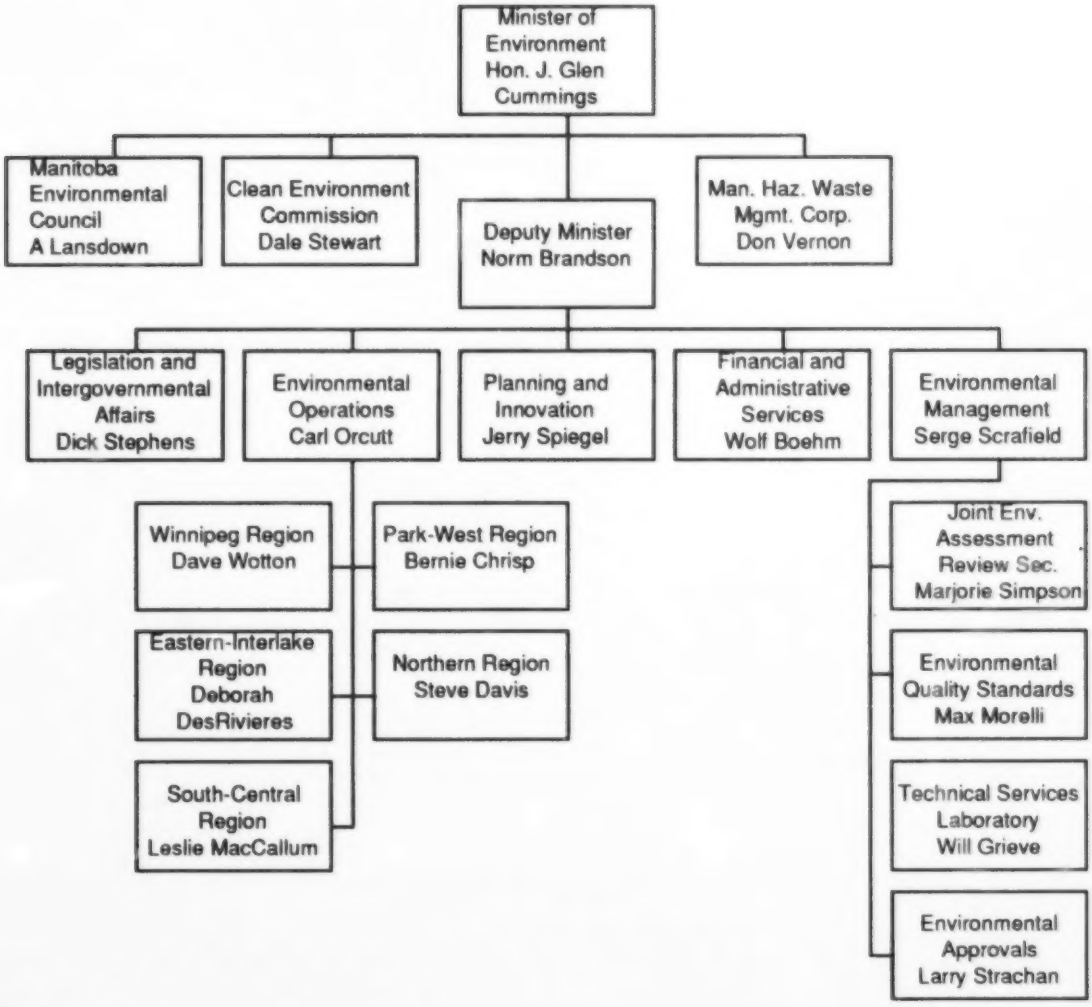


Table of Contents

Title	Page
Minister's Letter of Transmittal	3
Deputy Minister's Letter of Transmittal	5
Table of Contents	7
Organization Chart	9
Preface/Introduction	11
Organization of the Report	11
Departmental Role and Mission	11
Legislative Authority	12
Administration and Finance	13
Minister's Salary	13
Executive Support	13
Planning and Innovation	13
Community Relations	18
Financial and Administrative Services	19
Alcohol Beverage Container Recycling Program	20
Environmental Management	21
Environmental Operations	21
Environmental Management	25
Legislation and Intergovernmental Affairs	34
Manitoba Hazardous Waste Management Corporation	35
Environmental Advisory Organizations	36
Clean Environment Commission	36
Joint Review Secretariat	36
Manitoba Environmental Council	37
International Institute for Sustainable Development	38
Financial Information Section	39
Reconciliation Table	41
Expenditure Summary	42
Revenue Summary by Source	46
Five Year Expenditure and Staffing Summary by Appropriation	48
Appendices	49
Suspensions or Variations Under The Environment Act	51
Departmental Directory	53

Organization Chart - Manitoba Environment

As at March 31, 1992


Minister of Environment Hon. J. Glen Cummings
Manitoba Environmental Council A Lansdown
Clean Environment Commission Dale Stewart
Deputy Minister Norm Brandson
Man. Haz. Waste Mgmt. Corp. Don Vernon
Legislation and Intergovernmental Affairs Dick Stephens
Environmental Operations Carl Orcutt
Planning and Innovation Jerry Spiegel
Financial and Administrative Services Wolf Boehm
Environmental Management Serge Scrafield
Winnipeg Region Dave Wotton
Park-West Region Bernie Chrisp
Eastern-Interlake Region Deborah DesRivieres
Northern Region Steve Davis
South-Central Region Leslie MacCallum
Joint Env. Assessment Review Sec. Marjorie Simpson
Environmental Quality Standards Max Morelli
Technical Services Laboratory Will Grieve
Environmental Approvals Larry Strachan

Preface/Introduction

Organization of the Report

This Annual Report is organized in accordance with the Department of Environment appropriation structure, as set out in the Main Estimates of Expenditure of the Province of Manitoba for the fiscal year ending March 31, 1992.

The Report contains information, at the Main and Sub-Appropriation levels, related to the department's objectives, the actual results achieved, its financial performance and any variances that occurred. In addition, expenditure and revenue variance explanations previously contained in the Public Accounts are now provided in the Annual Report.

Departmental Role and Mission

The Department of Environment was established as a department in 1989.

The **mission** of the Department of Environment is to ensure a high level of environmental quality for present and future generations of Manitobans.

The **responsibilities** of the Department include:

- administration and enforcement of legislation and regulations pertaining to the environment and public health.
- provision of emergency response services.
- provision of monitoring services including sample taking, maintenance of equipment and coordination with other departmental staff.
- establishment and maintenance of community liaison activities including provision of information on environmental matters, organizing local environmental events and addressing local environmental priorities.
- management of the approvals process including the carrying out of pre-licensing activities, participating in the public review process, issuing approvals and responding to appeals.
- coordination of environmental quality activities including the provision of scientific support, developing and updating air, water and terrestrial environmental quality guidelines and standards, environmental quality monitoring and state of the environment reporting.
- provision of analytical laboratory services to the Department and to clients outside of the Department on a cost recovery basis; provision of general scientific support to the department.
- development, review and amendment of legislation and regulations.
- participation on various Federal/Provincial advisory committees and task forces to deal with matters such as environmental assessment harmonization, negotiating agreements and ensuring consistent and effective environmental management across the country.

- provision of planning and coordination support activities including support to the Canadian Council of Ministers of the Environment (CCME), strategic planning and community liaison.

- development and innovation activities related to the Environmental Innovations Fund (EIF), environment and economy linkages, new policy development and economic impact assessment.

- administration of waste reduction and prevention initiatives including the preparation of a Waste Reduction and Prevention strategy report, industry consultation, promotion and enforcement.

Legislative Authority

The following statutes are administered by the Department of Environment:

	CONTINUING CONSOLIDATION CHAPTER
The Environment Act	E 125
The Dangerous Goods Handling and Transportation Act	D 12
The Manitoba Hazardous Waste Management Corporation Act	H 15
The High-Level Radioactive Waste Act	R 10
The Waste Reduction and Prevention Act	W 40
The Ozone Depleting Substances Act	O 80

In addition to the above, the Minister, through the Department, is also responsible for the administration of certain regulations under The Public Health Act.

Administration and Finance

Minister's Salary

The Minister's salary provides the Minister of Environment with the additional compensation to which an individual appointed to the Executive Council is entitled.

Executive Support

This section is comprised of all support staff in the Office of the Minister and Deputy Minister of Environment, for a total of seven staff years.

The purpose of Executive Support is to develop, implement and oversee departmental policies and programs which are designed to attain, over the long term, the goals set out in the Department's role and mission statement, to advise the Minister on matters relating to the Department, to provide overall policy direction for departmental programs, to coordinate departmental communications activities and initiatives and to provide administrative support for the Offices of the Minister and Deputy Minister.

1 (a)(b) Minister's Salary and Executive Support

Expenditures by Sub-Appropriation	Actual 1991/92 $	SY	Estimate 1991/92 $	Variance Over (Under) $	Expl. No.
(a) Minister's Salary	20,500	1.00	20,600	(100)	
(b) Executive Support	284,900	7.00	282,400	2,500	1
Total Salaries	305,400		303,000	2,400	
Total Other Expenditures	106,900		84,100	22,800	2

Explanation:

1. Overexpenditure is due to a salary adjustment respecting the Department's Deputy Minister position.

2. Overexpenditure is due primarily to increased out-of-province travel associated with the Minister and Deputy Minister's participation in Canadian Council of Ministers of the Environment activities.

Planning and Innovation

The Planning and Innovation Division, with a staff of 10, is responsible for ensuring that planning and policy services are provided and effectively applied in the Department and for developing and preparing initial implementation of new departmental program initiatives.

In 1991/92 Division activities encompassed five program areas:

1) Planning and policy coordination

This program area includes strategic planning, issue management coordination, support of departmental participation in the Canadian Council of Ministers of the Environment (CCME) and liaison with the federal Green Plan and the Manitoba Government's Sustainable Development initiative. It is also a centre for conducting policy analysis and development within the Department.

Key outputs in 1991-92 include:

- preparation of a Strategic Plan Overview document and implementation of the Plan.
- chairing a departmental Strategic Plan Coordination Committee.
- organizing strategic planning workshops within the Department.
- development of a draft Environmental Management and Protection Sustainable Development sub-strategy.
- preparation of CCME briefing materials.
- coordination of departmental involvement in the Sustainable Development process within Government.
- analysis of federal Green Plan implications and opportunities and liaison with respect to Government-wide response.
- chairing department-wide Comprehensive Waste Management Strategy and Waste Management Implementation committees.
- drafting discussion papers and draft action plans for drinking water quality and biomedical waste programs.

2) Community Outreach

Over the course of 1991/92, the Department formalized a commitment to develop a more systematic outreach program in response to the increased public demand for information and for opportunities to become involved in environment-related issues. To address this area, an Outreach Coordinator position was established. In addition to developing information and a community involvement program in conjunction with other departmental staff, administrative support and coordination for funding programs such as the Environmental Innovations Fund was also provided by way of this position.

Key outputs in 1991-92 include:

- preparation of a departmental Outreach Strategy and Workplan including the development of information materials, displays, and other departmental involvement with the community.
- chairing a departmental Outreach Committee.
- chairing an Environment Week Committee and preparing projects such as the opening of an Environmental Information Centre at the Fort Osborne Complex in June, 1992.

- management and administrative support and coordination for the Environmental Youth Corps program which in 1991-92 provided funding for 65 projects involving over 6500 youth. Over 30 proposals were reviewed by regional committees.

- coordination of the review of over 40 applications to the Environmental Innovations Fund, including analysis, processing, project monitoring and evaluation. This work has been carried out in close liaison with the Sustainable Development Coordination Unit.

- coordination of the review of over 50 applications to the federal Environmental Partners Fund, to provide analysis to ensure that projects conform to provincial priorities and concerns. This work has been carried out in close liaison with Environment Canada.

- preparation of the "Be a Friend of the Environment" environmental activities materials for Grade 3 - 6 students.

- preparation of other environmental information materials.

- participation on committees dealing with environmental education for the Manitoba Government Sustainable Development program and the Canadian Council of Ministers of the Environment.

3) Economic Instruments

Over the course of 1991-92 the Department strengthened its commitment to develop market-based instruments to support environmental protection, as a complement to its regulatory programs, as was outlined in a 1989 discussion paper on "Harnessing Market Forces to Support the Environment". The position of economic instrument coordinator was created by converting an existing analyst position. Adding an economist to the Department also recognizes the need for more systematic economic evaluation of regulations and other policy options as well as for the review of environmental impact assessments.

Key outputs in 1991-92 include:

- a review of options for the application of environmental levies and taxes.

- chairing of the CCME Economic Instruments Task Group which has prepared a national inventory of economic instrument programs and organized the first national meeting of Environment and Finance officials.

- participation on departmental working groups dealing with waste management and atmospheric issues.

4) Waste Reduction and Prevention

The Waste Reduction and Prevention Branch, with a staff of three, carries out activities to ensure that the goal of 50% solid waste reduction in Manitoba by the year 2000 will be realized. The Branch has responsibility for the Waste Reduction and Prevention (WRAP) Act which was proclaimed in August, 1990. This program area represents an initiative by the Department to place increased emphasis on prevention of environmental problems before they can occur and has placed a strong emphasis on facilitating processes to have waste reduction targets set and met, laying the basis for regulations being developed under the WRAP Act.

Key outputs in 1991-92 include:

- release of the 1991 WRAP Strategy Report which was the subject of a Conference in Winnipeg in April ,1991.

- release in April, 1991 of various WRAP Committee reports outlining the steps that industry stakeholders are prepared to undertake to meet waste reduction targets for beverage containers, newspaper, used tires and waste oil.

- conducting public meetings on the WRAP Committee reports to get public input from concerned stakeholders.

- release of a draft Beverage Container Regulation and discussion.

- preparation of a request for proposal documentation for a Manitoba used tire management program.

- administration of the ONP (Old Newspaper) WRAP Fund program to provide funding from the Environmental Innovations Fund for processing centres in regional centres across the province. Five projects received funding and a proposal from the City of Winnipeg was deferred until the City of Winnipeg could clarify its recycling plans.

- preparation of a draft regulation for the environmentally safe handling of waste oil.

- technical review and ongoing contact with over 30 Environmental Innovations Fund waste management projects across the province.

- preparation of a Manitoba data base on waste reduction and prevention programs in municipalities across the province.

- facilitation of Regional Recycling networks throughout the province. By April, 1992, twelve centres were established and workshops bringing together regional processors were being organized to promote cooperative marketing of recyclables.

- establishment of a Regional Waste Management Assistance Fund to provide funding for municipalities pursuing the feasibility of upgrading facilities through regionally coordinated approaches. Seven projects were awarded a total of $120,000 to carry out feasibility studies.

- chairing of a Municipal Waste Management Solid Waste Reduction Coordinating Committee bringing together federal, provincial and municipal levels of government to meet monthly and participation on the Manitoba Association of Urban Municipalities Waste Management Committee.

- participation on the National Packaging Protocol, CCME Waste Management Task Group, Composting Council of Canada and Solid Waste Association of North America (SWANA), Mid Continental Recycling Task Force, Canadian Public Works Association, provincial Environmentally Sensitive Initiatives Committee.

- participation on the Department's Waste Management Implementation Committee.

- chairing the Sustainable Development committee on Recycling and Waste Management.

- organizing a Prairie Provinces Waste Management Conference and Exhibit show under SWANA in Winnipeg in April, 1991 with an attendance of 145.

5) Ozone Depleting Substances

In response to the global environmental problem of stratospheric ozone depletion, the Division has been responsible for Manitoba's program for the control of ozone depleting substances. This new program area is based on the Ozone Depleting Substances Act which was passed by the Manitoba legislature in 1990. The Division has developed an initial implementation strategy and

will be producing recommendations on how this program can be integrated into other departmental operations. An Ozone Depleting Substances Coordinator was added to the Division in February 1992 for the introduction of the program.

Key outputs in 1991-92 include:

- release of the draft Ozone Depleting Substances Regulation in April,1991.
- consultation on the Ozone Depleting Substances Regulation with the revised regulation coming into effect on July 1, 1992.
- participation on the Federal/Provincial Committee on National Coordination.
- preparation of information bulletins, a display, and cooperation with other organizations producing public information materials.
- chairing of a departmental Enforcement Project Team, to prepare and oversee implementation of the regulation.
- chairing an Implementation Working Group composed of representatives from different industry sectors affected by the regulation and environmental organizations.
- initiation of a training program being delivered by the Heating, Refrigerating and Air Conditioning Institute of Canada piloting a new training program for air conditioning and refrigeration technicians and others working with ozone depleting substances. Over 4,500 participants were trained by July ,1992.

Other activities

In addition to the 5 program areas addressed above, the Division carried out other activities in 1991-92, including:

- coordination of the Government's radon program through chairing the Interdepartmental Working Group on Radon. This included the distribution of 17,000 radon information booklets, response to inquiries, direction of a province-wide radon survey and research on radon mitigation to be released in 1992.
- participation on numerous interdepartmental committees and working groups.
- coordination with environmental industry development through participation on the interdepartmental Environmental Industries Team and the Environmental Industries Development Initiative Review Committee coordinated by Industry Trade and Tourism.
- preparation of correspondence and briefings for the Minister and Deputy Minister.
- coordination of departmental responses for environmental policy and program inquiries.

1 (c) Planning and Innovation

Expenditures by Sub-Appropriation	Actual 1991/92 $	Estimate 1991/92 SY	Estimate 1991/92 $	Variance Over (Under) $	Expl. No.
Total Salaries	429,000	10.00	476,700	(47,700)	1
Total Other Expenditures	77,800		40,300	37,500	2

Explanation:

1. Underexpenditure is due to a Planning and Program Analyst position being vacant for a portion of the year and one position being underfilled.

2. Overexpenditure is due primarily to costs incurred respecting the implementation of a Waste Reduction and Prevention Program and an Ozone Program (expenditures incurred included printing, professional services, advertising, travel expenditures, postage).

Community Relations

During 1991/92 the Community Relations Branch was disbanded as part of the centralization of government communication services. A central Communications Services Branch located within the Department of Culture, Heritage and Citizenship was established to service the communication needs of government.

It should be noted that two of the staff years (Librarian and Library Technician) within this Branch were transferred to the Financial and Administrative Services Branch during the fiscal year.

1 (d) Community Relations

Expenditures by Sub-Appropriation	Actual 1991/92 $	Estimate 1991/92 SY	Estimate 1991/92 $	Variance Over (Under) $	Expl. No.
Total Salaries	115,200	4.00	147,600	(32,400)	1
Total Other Expenditures	50,200		72,200	(22,000)	2

Explanation:

1. Underexpenditure is due to a communications position being vacant (within the Department of Culture, Heritage and Citizenship) for a portion of the fiscal year.

2. Underexpenditure is due primarily to a portion of the communications budget ($20,500) being encumbered relative to the transfer of the communications function to the Department of Culture, Heritage and Citizenship.

Financial and Administrative Services

Financial and Administrative Services, with a complement of 17 staff, provides financial, human resource, administrative, computer support services and resource centre services to the Department to ensure appropriate utilization of departmental resources, the effective delivery of programs and compliance with governmental and departmental administrative policies and procedures.

The Branch is responsible for providing financial services including the processing of all revenue and expenditures in accordance with legislative, departmental and Treasury Board requirements, estimates preparation, accountable advances, expenditure monitoring and reporting and cash flow forecasting.

Also provided are human resource management services including payroll processing, recruitment, classification, performance appraisal system documentation/monitoring, employee orientation, career planning support, staff training and development support, affirmative action and other special projects.

As well, administrative support services are provided including vehicle coordination, parking administration, central inventory records, office equipment, records management coordination and freedom of information management, and computer support services, including systems development support, computer hardware and software acquisition management and general systems troubleshooting services.

During 1991/92, 5995 payment vouchers and 1218 revenue invoices were processed. All of the required documentation respecting the complex annual estimates process, including the Minister's Estimates Session Book and the Supplementary Information for Legislative Review was prepared. Various financial reports were prepared for submission to Manitoba Finance, Treasury Board and to departmental management. Various budget analyses and cash flow reports were prepared and ongoing monitoring of expenditures and revenue was carried out.

A total of 38 positions were filled during the fiscal year. This involved receiving and processing 451 applications, and interviewing 82 candidates. In addition, the Human Resources Management unit monitored performance appraisal documentation for all departmental employees and provided support for the Department's affirmative action initiatives. In addition, 25 position classification reviews were completed.

The Branch administered 68 government vehicles along with numerous office space, office equipment, office furniture, communications and related requirements. The Branch dealt with 13 Freedom of Information Act access applications. The Branch is also responsible for the preparation of the Department's Annual Report.

The Computer Services unit provided ongoing support for 133 computer workstations in four Winnipeg locations and five regional offices. Thirty one (31) new computers were installed during fiscal year 1991/92. The major components of the Laboratory Information Management System were completed and became operational. The department's electronic mail system was extended to the regional offices. Work commenced with respect to converting a major data base (the Water Quality System) from an external service bureau to an on-site microcomputer.

The Resource Centre, which operates the main Public Registry, continued to respond to departmental and public requests for information. Resource Centre staff also maintained a satellite library at the W. M. Ward Technical Services Laboratory and provided library services support to the Department's Regional Offices.

The Resource Centre answered 2,416 enquiries from both staff and the public, filled 337 inter-library loan requests, processed 379 book orders, catalogued 744 books with the assistance of a contract cataloguer, and maintained a current periodical subscription of 350 titles. The Resource

Centre also assumed responsibility for the distribution of departmental and other brochures. Usage of the Public Registry has increased by 75% over 1990/91, reflecting the continued increasing awareness of and interest in environmental information by the public. A Resource Centre study was conducted and a report with recommendations was published and adopted by the Department.

1 (e) Financial and Administrative Services

Expenditures by Sub-Appropriation	Actual 1991/92 $	SY	Estimate 1991/92 $	Variance Over (Under) $	Expl. No.
Total Salaries	689,800	17.00	683,800	6,000	1
Total Other Expenditures	156,700		155,100	1,600	

Explanation:

1. Overexpenditure is due to an employee being on maternity leave and the resultant requirement to hire a replacement during that period.

Alcohol Beverage Container Recycling Program

The Alcohol Beverage Container Recycling Program is a joint effort involving the Manitoba Liquor Control Commission and the Manitoba Soft Drink Retailers (MSDR) under which non-deposit glass liquor bottles are collected through MSDR.

During 1991/92 approximately 12% of glass liquor bottles sold were recovered through this initiative. Of the costs incurred, $103,500 was paid to MSDR and $39,000 covered other expenses such as advertising, brochure production, etc..

1(f) Alcohol Beverage Container Recycling Program

Expenditures by Sub-Appropriation	Actual 1991/92 $	SY	Estimate 1991/92 $	Variance Over (Under) $	Expl. No.
Total Other Expenditures: - Grants	142,500		-	142,500	1

Explanation:

1. This is a new program that was added to the Department during the fiscal year. Funding was not included in the Department's 1991/92 Printed Estimates.

Environmental Management

Environmental Operations

Divisional Overview

The Division's prime objective is to ensure the maintenance of a healthy public and natural environment for the use and well being of present and future generations of Manitobans.

The Division has four regional offices in rural Manitoba, including Brandon, The Pas, Winkler and Steinbach, plus a regional office in Winnipeg. These offices are supported by a network of sub-offices and the Department's central office. One of the main thrusts of the Division is to bring departmental services closer to the people. The regional offices are client-focused in delivery of environmental services, with the functional make-up analogous to a one-stop shopping concept. Each office is headed by a Regional Director who, with the support of professional staff, deals with the environmental concerns of the region. The Division's total staffing complement is 82.00 staff years.

Overall management and coordination of the regional offices is the responsibility of the Assistant Deputy Minister of Environmental Operations (consisting of 2 staff).

A Senior Operations Consultant assists the Assistant Deputy Minister in day-to-day operations by providing liaison between the Regional Offices and the Central Office, maintaining records of field and enforcement activities, acting as Division liaison officer to the Environmental Management Division, assisting in the development, assignment and interpretation of licenses and development of legislation, participating in the recruitment of new staff and providing liaison with Manitoba Health for those programs under The Public Health Act that the Department administers on their behalf.

Also reporting to the Assistant Deputy Minister is a Training and Development Coordinator who is responsible for the development and coordination of training programs for regional staff. With decentralization of responsibilities being a major focus of regional operations, it is important that regional staff receive training in those areas of concern which previously were handled from the centralized Winnipeg location.

Regional Operations

Regional offices, including Winnipeg, consisting of 78 staff, are responsible for the delivery of the following services:

- the administration of regulations and related approvals, including the review of applications and the issuance of approvals applying to projects in the region under regulations administered by the Department under The Environment Act, The Dangerous Goods Handling and Transportation Act, and The Public Health Act, and the collection and maintenance of data bases for projects in the regions;

- enforcement, including the receipt and analysis of data from license holders, inspections (routine, spot, compliance, response to complaints, and sampling), and the enforcement of legislation and regulations by ticketing, collecting evidence, initiating prosecutions, and issuing orders;

- emergency response, including provision of a 24-hour emergency response capability, providing technical advice and the coordination of local training, and the management of clean-up activities and issuing orders;

- monitoring, including sample taking, and appropriate coordination with central scientific staff and staff of other departments;

- community liaison, including providing information to the public, organizing local environmental activities, responding to public inquiries, and identifying local environmental priorities.

Regional offices, as previously noted, have been established, and there are new office locations for the Park-West Region in Brandon and Eastern-Interlake Region in Steinbach. The South-Central Regional office has been relocated from Morden to new facilities in Winkler. Regional Operations have assumed responsibility for the PCB storage site and pesticide container storage site programs and commenced inspection and monitoring activities related to the storage and handling of gasoline and associated products and wastewater treatment facilities. Transfer of files and documentation from the central office in Winnipeg is underway. The regions have also assumed responsibility for the monitoring and enforcement of various Environment Act licenses.

The Division is involved in inspection and enforcement activities associated with the hazardous waste and dangerous goods programs under The Dangerous Goods Handling and Transportation Act, including inspection of waste generators, carriers and receivers. As well, the Division is responsible for the Department's emergency response program.

Training and Development

In 1991/92, the following in-house training courses/sessions were delivered to Environmental Operations Division staff:

Wastewater Treatment : Continuous Discharge Plants and Collection Systems
June 11-13/91-Winnipeg

Emergency Response-General
June 19-20/91-Dauphin; June 26-27/91-Winnipeg.

PCB Storage Sites
June 19-20/91-Dauphin; June 26-27/91-Winnipeg

Smoke Opacity
September 19-20/91-Winnipeg

Gasoline Regulation - Abandoned Tanks
October 10/91-Brandon; October 31/91-Winkler; November 26/91-The Pas

Sustainable Development Satellite Workshop
October 23/91-held at 32 locations around the province

Waste Disposal Ground Regulation - Implementation Strategy
December 9/91-Winnipeg; December 17/91-Dauphin

Enforcement Seminar - January 21&22, 28&29/92, Winnipeg
(Attended by all department staff.)

In addition, the department was involved in the coordination of, and provided technical support to, the Manitoba Water and Wastewater School held February 10-14/92 and the Manitoba Water and Wastewater Seminar held March 9-11, 1992.

In addition to assuming responsibility for various previously centralized programs, the regions continued with already established environment public health and dangerous goods activities with the following results being achieved during fiscal year 1991/92:

FIXED PROGRAM ACTIVITY	Number of Establishments	Number of Inspections	Complaints
PUBLIC HEALTH ACT:			
Food Service Establishments	3034	4892	390
Temporary Food Services	486	643	11
Retail Food Stores	964	879	112
Mobile Food Units	165	225	5
Food Processors	387	439	53
Uninspected Meat Processors	94	93	20
Public Water Supply	247	859	52
Semi-Public Water Supply	135	313	32
Swimming Facilities	316	1620	36
Industrial/Construction Camps	13	11	1
Recreational Camps	100	112	2
Public Accommodation	838	276	41
Care Facilities	506	462	10
ENVIRONMENT ACT:			
Waste Disposal Grounds	455	895	65
Livestock Production Operations	621	295	113
Pesticide Permits	139	50	9
Municipal Wastewater Facilities	342	828	39
Air Emissions/Monitoring	14	277	128
Scrap Processors/Auto Wrecking	21	76	39
Agricultural Operations	56	39	28
Mining Operations	21	36	3
Forestry Operations	1	11	
Manufacturing/Industrial Plants	104	101	76
Recreational	38	18	
Incinerators	97	14	2
Other Environment Act Licenses	9	7	3

DANGEROUS GOODS HANDLING & TRANSPORTATION ACT:			
Petroleum Storage	8554	1135	13
Pesticide Storage	170	389	6
PCB Storage	100	100	1
Anhydrous Ammonia	28	30	3
Hazardous Wastes	1576	42	18
Dangerous Goods Handling and Transportation	67	340	10
Contaminated Sites	146	442	4
REQUEST/RESPONSE ORIENTED PROGRAMS:			
Subdivision/Landsplits Planning Schedules and Development Plans	620	1005	8
Litter		1980	750
Campgrounds	102	18	4
Environmental Accidents	231	222	102
Environmental Proposals	89	92	6
Dwellings & Buildings		1963	800
Private Water Supplies		2223	247
Insanitary Conditions		625	288
Communicable Disease Investigations	15	298	74
Private Sewage Disposal	1241	1607	98
Other (Special Projects, etc.)	223	883	44

During 1991/1992, the Department adopted a new enforcement policy and procedures and as noted previously, regional staff completed appropriate training in enforcement activities. A new reporting system was developed and the regional offices began submitting enforcement statistics on a regular basis. The following results were achieved during the fiscal year:

	WARNINGS	COMMON OFFENCE NOTICE	INFORMATION
The Public Health Act	50	1	1
The Environment Act	311	24	1
The Dangerous Good Handling and Transportation Act	70	24	3
TOTAL	**431**	**49**	**5**

2 (a) Environmental Operations

Expenditures by Sub-Appropriation	Actual 1991/92 $	Estimate 1991/92 SY	Estimate 1991/92 $	Variance Over (Under) $	Expl. No.
Total Salaries	3,284,700	82.00	3,348,600	(63,900)	1
Other Expenditures:					
- Operating	777,000		583,500	193,500	2
- Grants	1,800		1,800		
Total Other Expenditures	778,800		585,300	193,500	

Explanation:

1. Underexpenditure is due to a number of positions being vacant for a portion of the fiscal year.

2. Overexpenditure is due to increased staff travel costs and increased office operating costs resulting from the regionalization of departmental operations.

Environmental Management

Divisional Overview

The overall divisional objective is to manage the Manitoba natural environment by anticipating and preventing environmental problems and by protecting and enhancing the natural environment in conjunction with other government and non-government stakeholders.

This is accomplished through:

- the management of a development approvals process which includes the carrying out of pre-licensing activities, participating in the public review process, issuing approvals and responding to appeals;
- the coordination of environmental quality activities including the provision of scientific support, developing and updating air, water and terrestrial environmental quality guidelines and standards, environmental quality monitoring and state of the environment reporting; and
- the provision of analytical laboratory services to the Department and to other clients on a cost recovery basis; provision of general scientific support to the Department and the development and administration of a certification program for private laboratories.

The Division's staffing complement totals 79.21 staff years.

Environmental Quality Standards

The objective of this Branch is to evaluate the status of the Manitoba environment, monitor its changes and promote standards that would safeguard its quality.

Consisting of 21 staff, this Branch develops objectives, guidelines and standards for environmental quality in Manitoba, carries out research, monitoring, studies and investigations directed at providing specific scientific and technical support to the department, the Clean Environment Commission, other provincial departments and to the public and reporting on the status of Manitoba's environment. There are four operating units:

- Air Quality Management
- Water Quality Management
- Terrestrial Quality Management
- State of Environment Reporting

Air Quality Management

The objective of Air Quality Management is to identify Manitoba's ambient air quality and provide scientific and technical support for its enhancement and on-going protection.

The following activities are carried out to achieve this objective:

- developing and reviewing air quality objectives and guidelines for pollutants of concern;
- monitoring ambient air quality within the urban community and within the vicinity of specific industrial sources to determine adherence to air quality objectives and guidelines;
- undertaking special project investigations on air quality;
- providing scientific and technical support to the Department, the Clean Environment Commission, other agencies and the public;
- preparing reports and evaluating peer reports dealing with air quality issues; and
- reviewing and assessing developments under current environmental legislation and providing comments for licensing purposes.
- participating in the planning, development and implementation of national strategies related to atmospheric issues.

During 1991/92 the following results were achieved by this section:

National Air Pollution Surveillance - number of stations operated	5
Impingement Air Monitoring - number of stations operated	2*
Precipitation Monitoring - number of monitoring sites operated	3
Provision of data and information in support of the State of the Environment Report	Ongoing
Participation in Federal/Provincial committees related to air	As Required

* One operated by the Park-West Regional Office in Brandon.

Water Quality Management

The objective of Water Quality Management is to identify Manitoba water quality issues and provide scientific and technical support for its monitoring, enhancement and on-going protection.

The following activities are carried out to achieve this objective:

- developing ambient water quality objectives, guidelines and standards for Manitoba;
- monitoring surface waters including the zone of influence of an effluent discharge (eg. municipal, industrial, abandoned mines);
- investigating the effectiveness of point source control strategies in protecting the environment;
- undertaking classification of Manitoba's watersheds;
- providing scientific and technical support to the Department, the Clean Environment Commission, other agencies and the public;
- providing baseline water quality data for industrial and municipal developments and for public enquiries;
- developing and maintaining a surface water quality monitoring network;
- developing and maintaining a biomonitoring network for detection of trace metals and organics in surface waters;
- assisting in the development of provincial water management policies;
- providing educational support as requested on water quality management;
- preparing reports and evaluating peer reports related to water quality; and
- reviewing and assessing developments under current environmental legislation and providing recommendations for licensing purposes.

The following results were achieved by this section in 1991/92:

Surface Water Quality Monitoring sites operated	46
Biomonitoring sites operated	6
Site-specific investigations conducted	14
Surface water quality concern responses	971
Groundwater quality concern responses	15
Surface water quality environmental studies reviewed	281
Watersheds classified	1
Provincial water quality objectives reviewed	-(*)
Manuscript reports produced	2
Assessment reports produced	6
Data reports produced	1
Published papers produced	1
Papers prepared or presented	47
Requests for water quality data responded to	507

Environmental licenses drafted	1
Open Houses conducted	6
Displays prepared, undertaken	5
Media interviews conducted	28
Brochures prepared	5

(*)However, federal guidelines for 10 variables were reviewed.

Terrestrial Quality Management

The objectives of Terrestrial Quality Management are to identify the quality of the Manitoba terrestrial environment (vegetation, forestry, wildlife and soils) and provide scientific and technical support for its enhancement and on-going protection.

The following activities are carried out to achieve these objectives:

- designing and executing studies aimed at determining the contamination of vegetation, soils or wildlife communities and documenting the changes as a result of environmental impacts;
- developing, testing and using pertinent terrestrial monitoring methodologies for Manitoba conditions;
- establishing and maintaining a terrestrial data base;
- preparing reports and evaluating peer reports relevant to Manitoba's terrestrial environment, developing and implementing terrestrial guidelines, objectives and standards;
- providing scientific and technical support to the department, the Clean Environment Commission, other agencies and the public; and
- reviewing and assessing developments under current environmental legislation and providing recommendations for licensing purposes.

The following results were achieved by this section in 1991/92:

Seedling trials near Inco, Thompson	Maintain and monitor	4 plots
Acid Rain Terrestrial monitoring	Detailed 5-year monitoring Annual monitoring	3 sites 4 sites
Acid Rain Snow chemistry surveys	Sampling and laboratory analysis	20 sites
Lead-in-soil studies	Sampling and laboratory analysis	2 sites
Wood preservative industries	Groundwater monitoring	3 sites
Cadmium in wildlife	Meetings and data transfer	1
Winnipeg snow disposal sites	Meetings, preliminary report reviewed	2
Forest Management approvals	Abitibi-Price hearing and license Repap minor alteration approvals	1 8
Sustainable Development strategies	Working group meetings	2 strategies
Committees		10
Soil contamination concerns responded to		6
Requests for terrestrial data responded to		7

Treated wood information requests responded to		5
Environmental licenses drafted		1
Training provided for Public Health Inspectors and Medical Health Officers		4
Petroleum industry reduced spacing proposal responded to		1

State of Environment (SOE) Reporting

The objective of the State of the Environment Reporting section is to collect, compile, and interpret information about environmental quality, projected trends, and environmental management activities in Manitoba, in accordance with Section 4.1 of The Environment Act.

The following activities are carried out to achieve this objective:

- coordination of the preparation of a biennial State of the Environment (SOE) Report, coordination of internal and external input to the SOE report;
- liaison with provincial and federal agencies responsible for environmental management and SOE reporting;
- establishment and maintenance of a data base of information pertinent to the reporting mandate; and
- dissemination of information on the status of the Manitoba environment to provincial and outside agencies and to the public.

During 1991/92 the first Manitoba State of Environment Report was finalized and published. A total of 4,800 copies of the 195 page report were distributed to libraries in Manitoba and in Canada, to all Manitoba schools and municipal offices and to concerned organizations and citizens.

Technical Services Laboratory

The Technical Services Laboratory, consisting of 38 staff, provides analytical services to the Department and to other clients on a cost recovery basis. The Laboratory also develops and administers a certification program for private laboratories.

The Laboratory devises analytical methods and standards, carries out inorganic, organic and hazardous waste and limnology analyses and provides equipment calibration services to a variety of clients.

During fiscal year 1991/92 the W. M. Ward Technical Services Laboratory analyzed 19,974 samples involving 134,000 analyses.

Environmental Approvals

Consisting of 18 staff, the objective of this Branch is to administer and manage the approval process, pursuant to The Environment, Dangerous Goods Handling and Transportation, and Public Health Acts.

This is accomplished through the activities of four sections - Municipal and Industrial Approvals, Hazardous Waste Approvals, Environmental Land Use Approvals and Pesticide Approvals.

Municipal and Industrial Approvals

This section is responsible for controlling municipal and industrial sources of pollutants and ensuring a safe drinking water supply for Manitobans.

The following are carried out to accomplish this objective:

- recommending conditions to the Director and Minister for use in developing Environment Act licenses.
- advising the Department and Clean Environment Commission on technical aspects of pollutant treatment and control strategies.
- evaluating proposed water and wastewater works for public health concerns in preparation for approval by the Minister of Health.
- reviewing mine site rehabilitation schemes.
- providing technical assistance to municipal, provincial and federal governments respecting water treatment and distribution, wastewater collection, treatment and disposal, and air emission control.

The following results were achieved during the 1991/92 fiscal year:

Environment Act:	
Project Proposals Received	41
Project Proposals Processed	27
Project Proposals Rejected	3
Public Hearings/Meetings Attended	17
Minor Alterations Received	22
Minor Alterations Processed	22

Public Health Act:	
Project Proposals Received	31
Public Complaints/Queries Handled	790
Inspections Conducted	14

Hazardous Waste Approvals

This section is responsible for managing and controlling hazardous waste (and dangerous goods) to minimize adverse impact on the environment and public health.

The following are carried out to accomplish this objective:

- recommending licensing conditions for developments, concerning the construction, alteration or operation of hazardous waste management facilities under The Dangerous Goods Handling and Transportation Act.
- representing the Department and/or the Province at public meetings or hearings.
- providing technical support to municipal, provincial and federal governments on all matters relating to dangerous goods and hazardous waste.
- liaising with the Manitoba Hazardous Waste Management Corporation and other industry groups to coordinate the development of a comprehensive system to manage the safe disposal of hazardous waste generated in the Province of Manitoba.
- participating on related provincial committees or Federal/Provincial task forces.
- responding to enquiries and complaints.

The following results were achieved during the 1991/92 fiscal year:

Dangerous Goods Handling and Transportation Act:	
Project Proposals Received	6
Project Proposals Processed	6
Approvals/Operating Orders Issued	4
Public Complaints Handled	7
Inspections Conducted	77

Environmental Land Use Approvals

This section is responsible for minimizing the environmental impact of land use development proposals.

The section carries out the following activities to accomplish this objective:

- plans, organizes and coordinates certain departmental and intergovernmental interdisciplinary activities of environmental management referred to as land use planning, proposal reviews, licensing proposal reviews and special projects.
- recommends licensing conditions for developments concerning land use planning proposals in the Province.
- coordinates the Department's input into all existing and proposed land use planning exercises.

- liaises with and provides advice to senior government officials, local governments and agencies regarding environmental land use concerns related to planning proposals, the environmental assessment process and licensing activities related to The Environment Act.
- responds to complaints and enquiries.
- represents the Department at hearings and public meetings.

The following results were achieved during the 1991/92 fiscal year:

Local government development plan and basic planning statement reviews	53
Crown Land plans and sales reviews	60

Environment Act:	
Project Proposals Received	46
Project Proposals Processed	19

Pesticide Approvals

This section is responsible for minimizing the adverse effects to the environment and public health resulting from pesticide use in Manitoba.

The following are carried out to accomplish this objective:

- providing professional expertise to the Department, Government, the public and industry in the general area of pesticide use and control.
- managing the pesticide use permit system.
- licensing pesticide developments concerning storage and disposal systems.
- assisting in the training of commercial pesticide applicators and dealers.
- providing technical expertise to the Association for a Clean Rural Environment (ACRE) with respect to container disposal and other environmental concerns.
- supplying expertise to the Canadian Association of Pesticide Control Officials through the Standing Committee on Occupational Health, Safety and Environment.
- responding to complaints and enquiries from the public respecting pesticide use.

The following results were achieved during the 1991/92 fiscal year:

Metal pesticide containers drained and crushed by municipalities	175,000 containers
Plastic pesticide containers drained and shredded by ACRE	255,000 containers
Pesticide residue collected and disposed of	15,600 litres

Environment Act:	
Pesticide use permits issued	295
Project Proposals Received	4
Project Proposals Processed	3
Public complaints investigated	26
Inspections undertaken	119

2(b) Environmental Management

Expenditures by Sub-Appropriation	Actual 1991/92 $	SY	Estimate 1991/92 $	Variance Over (Under) $	Expl. No.
Total Salaries	3,146,600	79.21	3,212,300	(65,700)	1
Other Expenditures:					
- Operating	862,200		906,700	(44,500)	2
- Grants	165,700		157,700	8,000	3
Total Other Expenditures	1,027,900		1,064,400	(36,500)	
Recoverable from other appropriations	(77,100)		(152,700)	75,600	4
Net Other Expenditures	950,800		911,700	39,100	

Explanation:

1. Under expenditure is due to a number of positions being vacant for a portion of the fiscal year.

2. Under expenditure is due to utilizing less than anticipated external consultant services.

3. Over expenditure is due to provision of a higher than budgeted grant to the Canadian Council of Ministers of the Environment and provision of an unbudgeted grant to the Western Canada Water and Sewage Conference.

4. Reduced recovery from other appropriations is due to less than anticipated volumes of samples being submitted by client departments.

Legislation and Intergovernmental Affairs

This unit ensures that Manitoba's environmental legislation and regulations are appropriate and up-to-date and that beneficial working relationships are established and maintained with other Canadian jurisdictions.

This is done by developing, reviewing and amending legislation and regulations and by representing the Department on various Federal/Provincial advisory committees and task forces to deal with matters such as environmental assessment harmonization, negotiating agreements and ensuring consistent and effective environmental management across the country.

The specific accomplishments of Legislation and Intergovernmental Affairs during fiscal year 1991/92 included:

- carrying out the preparatory work for the proclamation of the remainder of The Dangerous Goods Handling and Transportation Act;
- managing the overall regulation development process - the following specific regulations were in process during fiscal year 1991/92: Sewage from Pleasure Vessels, Shoal Lake Sensitive Area, Swimming Pools, Private Sewage Disposal Systems;
- managed the amendments to The Environment Act related to the establishment of the joint environmental review process and participant assistance, developed the associated regulations and managed their implementation;
- involvement in various internal/external consultations, intergovernmental negotiations, and Committee activities - respecting the Canadian Environmental Protection Act relative to pulp and paper mills, began negotiations on a Manitoba/Ontario Accord, negotiated procedures for environmental assessment of the Consolidated Professor Gold Mine at Shoal Lake, was instrumental in the development of a Statement of Environmental Cooperation on Environmental Matters between Canada and the Provinces/Territories, and chaired a CCME Task Group on Harmonization of Environmental Assessment; participated on a number of Committees including the Health and Environment Review Committee and the City of Winnipeg Liaison Committee, completed the negotiation of federal/provincial agreements for the joint environmental assessment of Conawapa, Repap and the North-Central Transmission Line.

2 (c) Legislation and Intergovernmental Affairs

Expenditures by Sub-Appropriation	Actual 1991/92 $	SY	Estimate 1991/92 $	Variance Over (Under) $	Expl. No.
Total Salaries	89,100	2.00	83,700	5,400	1
Total Other Expenditures	31,300		30,000	1,300	2

Explanation:

1. Over expenditure is due to a position being reclassified.

2. Over expenditure is due to higher than anticipated out-of-province travel costs being incurred.

Manitoba Hazardous Waste Management Corporation

The Manitoba Hazardous Waste Management Corporation, as required under The Manitoba Hazardous Waste Management Corporation Act, prepares a separate annual report.

2(d) Manitoba Hazardous Waste Management Corporation

Expenditures by Sub-Appropriation	Actual 1991/92 $	SY	Estimate 1991/92 $	Variance Over (Under) $	Expl. No.
Total Other Expenditures:					
- Grants	3,118,500		2,000,000	1,118,500	1

Explanation:

1. Overexpenditure is due to an increased operating loss being incurred by the Manitoba Hazardous Waste Management Corporation during its 1991 fiscal year.

Environmental Advisory Organizations

Clean Environment Commission

The Clean Environment Commission, as required under The Environment Act, prepares a separate annual report.

3(a) Clean Environment Commission

Expenditures by Sub-Appropriation	Actual 1991/92 $	Estimate 1991/92 SY	Estimate 1991/92 $	Variance Over (Under) $	Expl. No.
Total Salaries	321,800	7.00	382,600	(60,800)	1
Total Other Expenditures	414,400		223,400	191,000	2

Explanation:

1. Underexpenditure is due to an anticipated retirement not occurring.

2. Overexpenditure is due to costs being incurred respecting the establishment and operation of a Joint Environmental Review Panel process, along with increased costs being incurred by the Clean Environment Commission.

Joint Review Secretariat

The Joint Review Secretariat provides staff support for Joint Review Panels undertaking environmental assessment reviews for the Province of Manitoba and another jurisdiction. The Secretariat was established this fiscal year to support two joint federal-provincial reviews.

The Conawapa Environmental Review Panel is reviewing Manitoba Hydro's proposed Conawapa Project. The Panel was established by the federal Minister of the Environment and the provincial Minister of the Environment, on June 7, 1991. The six independent experts are: Chairman Stan Eagleton, Edward Kuiper, Irwin Lipnowski, Bruce Stewart, David Witty, and Doris Young.

The North Central Transmission Line Environmental Assessment Review Panel, with Chairman George Campbell, Thomas Henley and Harry Wood, is reviewing Manitoba Hydro's proposed North Central Project which would link seven remote communities to the provincial power grid. The Panel was appointed February 27, 1992, by the federal Minister of the Environment and the Manitoba Minister of the Environment.

Under the Manitoba Environment Act and the federal Environmental Assessment Review Process Guidelines Order, the federal and Manitoba Ministers of the Environment can cooperate to appoint one panel to undertake a single, comprehensive review of a proposed project which falls under both of their jurisdictions. Where federal and provincial legislation differ, the more stringent of the requirements is followed. Joint Panels are normally expected to be established for major projects with broad public concerns and significant financial investment.

Prior to the Panels' appointments, the Secretariat helped to identify potential candidates and assisted in developing the Panels' Terms of Reference, which were individually written for each Panel. In general, the Panels are undertaking public reviews of the potential impacts of the projects on the bio-physical environment, human health, land and water use, and terrestrial and aquatic ecosystems. They will also examine the social, cultural, health and economic impacts of the project, and implications for land and resource-related agreements.

Once a Panel is established, the Secretariat assists the Panel as it undertakes its comprehensive, public review. The following is a summary of milestones in the process:

- The Panel, through public consultation, establishes operating procedures, with significant emphasis placed on public education and information.
- Through public consultation, the Panel will determine the issues to be addressed by the proponent in the environmental impact assessment (EIS).
- The proponent will undertake the necessary research for the EIS, and deliver the EIS to the Panel.
- The Panel will release the EIS to the public. Both the Panel and public will review the report, including identification of possible deficiencies. The Panel may identify deficiencies for the proponent to address.
- Once the EIS is completed, the Panel will hold public hearings into the potential impacts of the project.
- The Panel will write its final report and recommendations.
- The Panel will deliver its final report and recommendations to the Ministers.
- The report and recommendations will be made public, and the Ministers will announce their decisions considering licensing/approval of the proposed project.

Manitoba Environmental Council

The Manitoba Environmental Council prepares a separate annual report.

3(b) Manitoba Environmental Council

Expenditures by Sub-Appropriation	Actual 1991/92 $	SY	Estimate 1991/92 $	Variance Over (Under) $	Expl. No.
Total Salaries	7,900		7,900	-	
Total Other Expenditures	50,000		50,000	-	

International Institute for Sustainable Development

The International Institute for Sustainable Development prepares a separate annual report.

4 International Institute for Sustainable Development

Expenditures by Sub-Appropriation	Actual 1991/92 $	Estimate 1991/92 SY	Estimate 1991/92 $	Variance Over (Under) $	Expl. No.
Total Other Expenditures:					
- Grants	1,066,100		1,375,000	(308,900)	1

Explanation:

1. Underexpenditure is due to the International Institute for Sustainable Development incurring lower operating costs than anticipated during the 1991/92 fiscal year.

Financial Information Section

Reconciliation Table

Department of Environment

Details	1991/92 Estimates
1991/92 Main Estimates	$13,941,100
Allocation of funds from:	
- General Salary Increase	149,500
- Workforce Adjustment	66,700
- Decentralization	16,000
1991/92 Estimate	**$14,173,300**

Manitoba Environment
Expenditure Summary
for the fiscal year ended March 31, 1992
with comparative figures for the previous fiscal year

Estimate 1991/92 $	Appropriation	Actual 1991/92 $	Actual 1990/91 $	Increase (Decrease) $	Expl. No.
	31-1 Administration and Finance				
20,600	(a) Minister's Salary	20,500	20,500		
	(b) Executive Support				
282,400	Salaries	284,900	365,400	(80,500)	1
84,100	Other Expenditures	106,900	93,800	13,100	2
	(c) Planning and Innovation				
476,700	Salaries	429,000	399,700	29,300	3
40,300	Other Expenditures	77,800	39,400	38,400	4
	(d) Community Relations				
147,600	Salaries	115,200	147,200	(32,000)	5
72,200	Other Expenditures	50,200	66,900	(16,700)	6
	(e) Financial and Administrative Services				
683,800	Salaries	689,800	649,500	40,300	7
155,100	Other Expenditures	156,700	167,500	(10,800)	8
	(f) Alcohol Beverage Container Recycling Program	142,500		142,500	9
1,962,800	**Total 31-1**	2,073,500	1,949,900	123,600	
	31-2 Environmental Management				
	(a) Environmental Operations				
3,348,600	Salaries	3,284,700	2,909,000	375,700	10
585,300	Other Expenditures	778,800	784,500	(5,700)	11
	(b) Environmental Management				
3,212,300	Salaries	3,146,600	3,177,700	(31,100)	12
1,064,400	Other Expenditures	1,027,900	1,145,600	(117,700)	13
(152,700)	Less: Recoverable From Other Appropriations	(77,100)	(107,000)	29,900	14
	(c) Legislation and Intergovernmental Affairs				
83,700	Salaries	89,100		89,100	15
30,000	Other Expenditures	31,300		31,300	16
2,000,000	(d) Manitoba Hazardous Waste Management Corporation	3,118,500	2,292,000	826,500	17
10,171,600	**Total 31-2**	11,399,800	10,201,800	1,198,000	

	31-3 Environmental Advisory Organizations				
	(a) Clean Environment Commission				
382,600	Salaries	321,800	276,800	45,000	18
223,400	Other Expenditures	414,400	122,800	291,600	19
	(b) Manitoba Environmental Council				
7,900	Salaries	7,900	57,100	(49,200)	20
50,000	Other Expenditures	50,000	18,500	31,500	21
663,900	**Total 31-3**	794,100	475,200	318,900	
	31-4 International Institute for Sustainable Development				
1,375,000	Other Expenditures	1,066,100	415,600	650,500	22
1,375,000	**Total 31-4**	1,066,100	415,600	650,500	
14,173,300	**TOTAL EXPENDITURES**	**15,333,500**	**13,042,500**	**2,291,000**	

Explanation:

1. *Decrease in expenditure is due to a position being moved to appropriation 31-2C-1 in 1991/92, and an Executive Assistant being paid at a salary level below that paid to the previous incumbent in 1990/91.*

2. *Increase in expenditure is due primarily to an increase in out-of-province travel and the purchase of a portable computer.*

3. *Increase in expenditure is due to the net effect of transferring two positions from 31-2A-1, the recovery of salary costs respecting a seconded employee, and a lower salary being paid to three (3) new employees than was paid in 1990/91.*

4. *Increase in expenditure is due to expenditures incurred regarding the Waste Reduction and Prevention program.*

5. *Decrease in expenditure is due to the centralization of the communications function.*

6. *Decrease in expenditure is due to the centralization of the communications function.*

7. *Increase in expenditure is due to the transfer of two(2) positions from Community Relations (31-1D-1) - Resource Centre positions.*

8. *Decrease in expenditure is due to a reduction of computer-related acquisitions and a slight reduction in travel costs.*

9. *Increase in expenditure is due to a new program being introduced (Alcohol Beverage Container Recycling Program).*

10. *Increase in expenditure is due to vacant positions being filled in 1991/92.*

11. *Decrease in expenditure is due to a slight reduction in employee meal and accommodation expenditures.*

12. *Decrease in expenditure is due to the Assistant Deputy Minister position being vacant for much of fiscal year 1991/92.*

13. *Decrease in expenditure is due primarily to reduced equipment acquisition.*

14. *Decrease in laboratory recoveries is due to client departments submitting fewer samples.*

145 *Increase in expenditure is due to a new budgetary unit being established in 1991/92 consisting of two (2) staff years.*

16. *Increase in expenditure is due to a new budgetary unit being established in 1991/92 consisting of two (2) staff years.*

17. *Increase in expenditure is due to an increased operating loss being incurred by the Manitoba Hazardous Waste Management Corporation.*

18. *Increase in expenditure is due to the payment of severance to a retiring employee.*

19. *Increase in expenditure is due to increased hearing costs being incurred by the Clean Environment Commission (travel, accommodation, Commissioner costs, transcription costs, report printing); and costs incurred by the Joint Environmental Assessment Review Panels/Secretariat.*

20. *Decrease in expenditures is due to a change in how the Manitoba Environmental Council is funded - from an appropriation to an annual grant.*

21. Increase in expenditure is due to a change in how the Manitoba Environmental Council is funded - from an appropriation to an annual grant.

22. Increase in expenditure is due to the International Institute for Sustainable Development undertaking increased activities during 1991/92; therefore, requiring more grant funding (as per funding agreement).

Manitoba Environment
Revenue Summary by Source
for the year ended March 31, 1992
with comparative figures for the previous fiscal year.

Actual 1990-91 $	Actual 1991-92 $	Increase (Decrease) $	Source	1991-92 Actual $	1991-92 Estimate $	Variance $	Expl. No.
			Current Operating Programs:				
			Other Revenue:				
277,800	410,400	132,600	(a) Laboratory Fees	410,400	390,000	20,400	1
4,000	11,700	7,700	(b) Miscellaneous	11,700	5,000	6,700	2
13,300	15,700	2,400	(c) Emergency Response Costs	15,700	75,000	(59,300)	3
			(d) Clean Environment Commission		30,000	(30,000)	4
	41,500	41,500	(e) Environmental Review Panel Costs	41,500	100,000	(58,500)	5
			(f) Air Monitoring Costs		15,000	(15,000)	6
295,100	479,300	184,200	**Total**	479,300	615,000	(135,700)	
			Government of Canada:				
-	144,100	144,100	(a) Environmental Review Panel Costs	144,100	-	144,100	7
-	144,100	144,100	**Total**	144,100	-	144,100	
295,100	**623,400**	**328,300**	**Total Revenue**	**623,400**	**615,000**	**8,400**	

Explanatory Comments Regarding Revenue Increases (Decreases) and Variances:

1. The increase in Laboratory Fee revenue (Actual to Actual and Actual to Estimate) is due to an increased volume of sample analyses.

2. The increase is due to registration fees being received during 1991/92 with respect to a WRAP Conference.

3. The increase in Emergency Response Costs revenue between 1991/902and 1990091 is due to an increase in recoveries. The decrease in 1991/92 actual recoveries vs. Estimated is due to a number of anticipated recoveries not occuring during the fiscal year (a number of outstanding claims will require legal action).

4. Anticipated recoveries did not occur in that the required regulation to effect recovery is not yet in place.

5. The amount recovered represents recoveries from Manitoba Hydro with respect to the Conawapa and North Central Transmission Line Joint Environmental Assessment Review projects. The estimated revenue amount shown should correctly have been identified as a Government of Canada recovery.

6. Anticipated recoveries did not occur in that the required regulation to effect recovery is not yet in place.

7. The amount recovered represents recoveries from the Federal Environmental Assessment Review Office with respect to the Conawapa and North Central Transmission Line Joint Environmental Assessment Review projects. As noted in explanation #5 above, the estimated amount should have been $100,000. Greater recoveries were achieved due to greater than anticipated Joint Panel activity.

Manitoba Environment
Five Year Expenditure and Staffing Summary by Appropriation
for the years ending March 31, 1988 - March 31, 1992

Appropriation	Actual/* Adjusted Expenditures									
	1987-88		1988-89		1989-90		1990-91		1991-92	
	SY	$	SY	$	SY	$	SY	$	SY	$
31-1 Administration and Finance	34.39	1,342,200	28.26	1,279,500	37.00	1,850,300	40.00	1,867,500	39.00	2,073,500
31-2 Environmental Management	164.25	7,311,600	158.21	8,623,800	164.21	9,713,700	171.21	10,446,100	163.21	11,399,800
31-3 Environmental Advisory Organizations	3.00	186,600	2.00	131,300	2.00	330,900	6.00	284,700	7.00	794,100
31-4 International Institute for Sustainable Development		-		-		-		415,600		1,066,100
TOTALS	**202.12**	**8,840,400**	**188.47**	**10,034,600**	**203.21**	**11,894,900**	**217.21**	**13,013,900**	**209.21**	**15,333,500**

* Adjusted figures reflect historical data on a comparable basis in those appropriations affected by a reorganization, during the years under review.

Appendices

Suspensions or Variations Under The Environment Act

Section 18(2) of The Environment Act states:

"A suspension or variation granted pursuant to subsection (1) shall be recorded in the public registry and in the department's annual report."

The following suspension requests were approved by the Department of Environment during the 1991/92 fiscal year:

Date	Location	Purpose
April 30, 1991	Village of Teulon	For secondary cell discharge of lagoon.
May 7, 1991	Town of Steinbach	For secondary cells 3, 4 and 5 emergency discharge of lagoon.
May 7, 1991	Town of Stonewall	For secondary cell(s) discharge of lagoon.
May 15, 1991	Village of Teulon	For equalizing of sewage from the primary cell to the secondary cell during discharge of lagoon.
May 27, 1991	Hudson Bay Mining & Smelting	For date extensions for submissions.
July 23, 1991	Village of Teulon	For secondary cell discharge of lagoon.
October 28, 1991	Village of Dunnottar	For all remedial work to the drainage system to be completed before any discharge occurs.
October 28, 1991	Village of Elie R. M. of Cartier	For discharge of lagoon.
November 8, 1991	Village of Elie R. M. of Cartier	For inspection of discharge route.
January 8, 1992	Town of Steinbach	For discharge of lagoon.
March 4, 1992	Town of Steinbach	For discharge of lagoon.

Departmental Directory

Office	Address	Telephone
Minister's Office	344 Legislative Building Winnipeg, Manitoba R3C 0V8	945-3522
Deputy Minister's Office	350 Legislative Building Winnipeg, Manitoba R3C 0V8	945-8807
Financial and Administrative Services	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7006
Planning and Innovation Division	960-330 St. Mary Avenue Winnipeg, Manitoba R3C 3Z5	945-7482
Environmental Operations Division:		
Assistant Deputy Minister's Office	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7008
Regional Operations:		
Winnipeg Region:		
Regional Head Office	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7081
St. Boniface Office	233 Provencher Blvd. Winnipeg, Manitoba R2H 0G4	945-0913
Fort Garry Office	Building 3, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-3544
St. James Office	2015 Portage Avenue Winnipeg, Manitoba R3J 0K3	945-0834
Kildonan Office	1021 Court Avenue Winnipeg, Manitoba R2P 1V7	945-8485

Eastern-Interlake Region:

Regional Head Office	Unit 5 - 284 Reimer Avenue P. O. Box 21450 Steinbach, Manitoba R0A 2T3	326-3468
Selkirk Office	102-235 Eaton Avenue Selkirk, Manitoba R1A 0W7	482-8085
Lac du Bonnet Office	Lac du Bonnet Health Centre P. O. Box 1030 Lac du Bonnet, Manitoba R0E 1A0	345-8647

South-Central Region:

Regional Head Office	Southland Mall Box 30 Winkler, Manitoba R6W 2S2	325-2291
Portage la Prairie Office	Provincial Building 25 Tupper Street North Portage la Prairie, Manitoba R1N 3K1	239-3187

Park-West Region:

Regional Head Office	204-1011 Rosser Avenue Brandon, Manitoba R7A 0L5	726-6064
Neepawa Office	225 Walker Avenue Neepawa, Manitoba R0J 1H0	476-2341
Dauphin Office	Provincial Building 27-2nd. Avenue S.W. Dauphin, Manitoba R7N 3E5	638-9111
Virden Office	480 King Street E. P. O. Box 10 Virden, Manitoba R0M 2C0	748-2321
Swan River Office	201-4th. Avenue S. P. O. Box 219 Swan River, Manitoba R0L 1Z0	734-3436

Northern Region:		
Regional Head Office	Provincial Building P. O. Box 2550 The Pas, Manitoba R9A 1M4	623-6411
Thompson Office	Provincial Building 59 Elizabeth Drive P. O. Box 32 Thompson, Manitoba R8N 1X4	677-6704
Flin Flon Office	Provincial Building 143 Main Street Flin Flon, Manitoba R8A 1K2	687-3778
Environmental Management Division:		
Assistant Deputy Minister's Office	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7107
Environmental Quality Standards Branch:		
Branch Head Office	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7032
Water Quality Management	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7033
Air Quality Management	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7046
Terrestrial Quality Management	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7003
State of Environment Reporting	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7088
Technical Services Laboratory	745 Logan Avenue Winnipeg, Manitoba R3E 1M8	945-2348

Approvals Branch:

Branch Head Office	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7071
Municipal and Industrial Approvals	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7012
Hazardous Waste Approvals	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7073
Environmental Land Use Approvals	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7075
Pesticide Approvals	Building 2, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7067
Clean Environment Commission	Town Square P. O. Box 21420 Steinbach, Manitoba R0A 2T3	326-2395
Manitoba Environmental Council	Building 3, 139 Tuxedo Avenue Winnipeg, Manitoba R3N 0H6	945-7031